Original / Duplicate / Triplicate

No. 1st & final bill

CONTRACT CERTIFICATE

(For Other Works)

Date ..... 20 .....

P-1898

YNK-DBR No. 109
Date 11.02.19

Division: Yelahanka. Sub Division: Yelahanka.

Bill Received No ..... Dated ..... Cash Book Voucher No ..... dated .....

Scheduled Docket No .....

Name of Work: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrounding Area in Ward No 02 Yelahanka Sub Division..

Job Code No: 002-19-000010 **Est. cost: 50.00 lakhs**

Name of Contractor and Full Address : Technical Manager (West), KRIDL.

Work Order No: **EE(YNK.D)/W.O/000095/2018-19, Dated : 15-12-2018.**

Certified that the measurements were taken by me on 6/2/19 and recorded in pages 213456 to 213463 of measurement Book No 2135 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Certified that the measurements were taken by me on 6/2/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs .....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S.D No .....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme... materials supplied

Gross Amt	=Rs 4948628=00
FSD	=Rs 24743|=00
CGST	= Rs 44184=00
SGST	= Rs 44184=00
IT	= Rs 98973=00
LC	= Rs 4948=00
CBF	= Rs 4948=00
Royalty	=Rs 20333=00
T D.	= Rs 509533
Net Amt	=Rs 4439095

Contractor's Signature

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Dated ..... Signature of Contractor

(For use in the Office)

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Audited & Admitted for Rs. 4439089=00

Paid by me by cheque No ..... Dated ..... 4439095=00 by Cheque

Cash Rs ..... Dated ..... and Rs. 509533=00 by adjustment

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Impovements of roads and Drains In Chowdeshwari layout AD Colony And Sorrou.di Area in Ward No 02 Yelahanka Sub Division.

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing and Refixing Stone Slabs of drains and Pointing in C.M(1:3)	Sqm	157.50	111.30	17529.75	-	-	156.60	111.30	17429.58	156.60	17429.58
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	387.30	207.60	80403.48	-	-	386.83	207.60	80305.91	386.83	80305.91
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted,in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	54.42	5505.64	299616.93	-	-	54.38	5505.64	299418.73	54.38	299418.73

4	KSRB 4.9.2 : Providing T .M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	6.17	75809.08	467742.02	-	-	6.13	75809.08	465067.67	6.13	465067.67
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , ncluding attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons.	Sqm	693.60	379.48	263207.33	-	-	693.12	379.48	263025.18	693.12	263025.18

6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., ncluding cost of all materials,labour , HOM of machinery, curing, complete as per specifications.	Cum	95.00	5998.54	569861.30	-	-	94.93	5998.54	569453.40	94.93	569453.40
7	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading, unloading,etc.,complete as per the direction of engineer in charge	Sqm	238.50	2337.00	557374.50	-	-	238.32	2337.00	556953.84	238.32	556953.84
8	Providing and Laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, Labour, curing, transportation, loading, unloading etc	Sqm	36.00	5418.00	195048.00	-	-	36.00	5418.00	195048.00	36.00	195048.00
9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 10cm thick	Sqm	67.50	966.72	65253.60	-	-	66.96	966.72	64731.57	66.96	64731.57

10	KSRB 5-9 : Providing Machine cutting to granite stone slabs edge all four sides to get plain even surface, the work includes the cost of cutting blades, hire charges of cutting machine, Generator and including cost of all labour, materials (Excluding cost of BS slabs) HOM of machineries, with all lead and lift charges, loading and unloading charges etc., complete as per the direction of the Engineer-in-charge of the work	m.	375.00	73.00	27375.00	-	-	372.00	73.00	27156.00	372.00	27156.00
11	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded)	m.	375.00	61.48	23055.00	-	-	372.00	61.48	22870.56	372.00	22870.56
12	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications.	Sqm	67.50	950.82	64180.35	-	-	66.96	950.82	63666.91	66.96	63666.91
13	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	432.00	113.26	48928.32	-	-	431.53	113.26	48875.09	431.53	48875.09
14	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per	Sqm	1080.00	6.36	6868.80	-	-	1078.83	6.36	6861.33	1078.83	6861.33

15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	162.00	1994.92	323177.04	-	-	161.82	1994.92	322825.44	161.82	322825.44
16	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 do-with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver.	Cum	108.00	3884.90	419569.20	-	-	107.88	3884.90	419112.72	107.88	419112.72

17	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46um,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures	Cum	162.00	5210.96	844175.52	-	-	161.82	5210.96	843257.09	161.82	843257.09
	Total				**4273366.14**					**4266059.00**		**4266059.00**
	4.0% KRIDL				**170934.65**					**170642.36**		**170642.36**
	12% GST				**512803.94**					**511927.08**		**511927.08**
	Grand Total				**4957104.72**					**4948628.44**		**4948628.44**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Executive Engineer
Byatarayanapura Division
KRIDL, BBMP, Bangalore

KRIDL, Bangalore

Newzen Consultants Bangalore

Assistant Engineer

Asst. Executive Engineer,